WHEAT VARIETIES OF WAX RIPENING PHASE WATER EXCHANGE FEATURES

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Annotatsiya: *Surxondaryo viloyati tuproq-iqlim sharoitida turli Bug'doy navlarining mum pishish fazasida suv almashinuv xususiyatlari o'rganildi.*

Tayanch so'zlar: *mum pishish, bug'doy navlari, o'sish, rivojlanish, don, transpiratsiya, ekologik omillar.*

Аннотация: *Изучены водообмен видов пшеницы в фазе восковая спелость в условиях Сурхандаринской области.*

Ключевые слова: *Восковая спелость, ь пшеница , рост, развитие, зерно, транспиратция, экологические факторы .*

Abstract: *it has been learned features of water exchange during the wax ripeness phase of wheat varieties in soil climatic condition in surkhandarya region*

Key words: *Wax ripeness, triticum v. growth, development, number of grain, transpiration, ecological factors.*

Water is definitely alive organisms life for the most important substance Water because of plants necessary nutritional substances takes Water is the main part of plants and they play an important role in life. [4]. The role of water in the life of plants, 70-95% of the composition of plant tissues consists of water. All plant organs contain water: leaf-90%, branch-70-80%, root-50-60%, seed-10%, vacuole-98%, cytoplasm-80%, shell-50% there is water around. There is a lot of water in some wet fruits: tomato-94%, watermelon-92% [1,3].

Based on the above information, we studied the water exchange characteristics of wheat varieties, their growth and development phases.

In the table given from the data as determined studied all varieties water exchange features with from each other difference does In the leaves common of water quantity 75.6% gat eng in Andijan 1 variety and 76.1% gat eng in Andijan 2 variety and it belongs to Andijan 1 variety more than 0.5% it was determined that

century wheat variety in the leaves common of water the amount is 76.9% and it belongs to Andijan 1 variety by 1.3 % a lot the fact that observed .

Good luck wheat variety on the leaf common of water amount by 79.4% equal to and Andijan 1 variety by 3.8 % a lot the fact that observed . Grom of the variety common water the amount is 80.6% gat eng to Andijan 1 by 5.0 % a lot the fact that was determined . Tanya wheat by 83.6 % of the variety water is Andijon1 variety an abundance of 8.0% was determined this information It was determined that Andijan-1 wheat of the variety in the leaves water to the amount relative to Tanya wheat of the variety in the leaves water the most a lot to be and another varieties intermediate in place the fact that was determined .

Plant in the leaves happen to be transpiration speed also plants water exchange from the features one is considered In the table from the data shown (Table 3.5). as determined Andijan 1 wheat of the variety 1 m2 of leaves level of 23.6 g of water for 1 hour polished if that's it Tanya wheat in term of the variety 17.6 g of water from the leaves evaporated ie that's it Tanya variety in term Andijan type vs. 6.0 g of water less polished The rest varieties are also intermediate seats take over Andijan 1 variety relatively less water polished , that is Andijan 2 variety 1.4 g, Asr type 2.1 g, Omad variety 2.5 g, Grom variety is less than 4.2 g water polished This is a pointer of varieties transpiration speed from each other sharp difference to do shows .

Wheat varieties in the leaves water shortage is also a variety features depends without will change . Andijan 1 variety in the leaves water deficit by 5.33% equal to Andijon 2 variety is equal to 5.26 % and it belongs to Andijan 1 variety relatively compared to 0.07 %, Asr in the variety 0.92 %, Omad 1.46% in variety , Grom 1.68% in grade and 2.44% in the Tanya variety . Andijan 1 wheat variety to the leaves relatively water shortage less the fact that was determined .

Same water to the shortage similar of the leaves water storage the ability of plants to drought endurance level characterizing the most important pointer is considered Andijan - 1 wheat variety of the leaves water storage the ability another

to varieties relatively the lowest is 1 hour during spent water amount by 6.5% equal to and Andijan-2 wheat variety that's it 6.3% water in term spent and they are between the difference is 0.2% equal to century wheat variety from the leaves spent water amount by 6.2% equal to is 0.3 % less , good luck wheat of the variety leaves that's it 5.8% water in term polished If so , Andijan 1 variety compared to 0.7%, Grom wheat type 5.6% water in 1 hour shine To Andijan 1 compared to 0.9% and Tanya wheat variety 1 hour 4.5% water during polished , 2.0% less than Andijan 1 variety water polished

These data are Andijan-1 wheat of the variety water storage ability the lowest, Tanya wheat of the variety water storage the ability the most high that shows . The rest varieties the water storage the ability according to intermediate place occupies So by doing wheat varieties water exchange features based on without their to drought endurance level the following in order placing possible : Andijan 1 < Andijan 2 < Century < Omad < Grom < Tanya ie studied varieties in the middle Andijan 1 variety to drought endurance if the lowest , Tanya wheat of the variety to drought endurance the most high and the rest options intermediate in place located

Ours in our experience received this More information in Figure 1.1 more precisely described

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